Depth 6	Contents 7	Reference to last Measurement 8

first & final

BR. 166 / 30-9-15

M. A. R. 57 (Rule 116)

Measurement Book

No. B

Serial No. .....

Name of Work Maintenance of RRMP drilled borewells in Kodijhalli ward no. 8, Kodijhalli area division From..... To..... 258810

Name of Contractor of nature of Agency ..Lakshminarayana, Annapurneshwari Engg. works, Str.

Date of commencement of work ..03-04-2015.

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Estimate cost : Rs. 10.00 Lakhs AS No. 181 / 18.3.2015 TS No. 1004 / 18.3.2015 Job No: 088-15-000078 Workorder No: BE/ASTP/BRMP/E-Mail/28/2015-16 dtd 22.04.2015.						
1)	Measurement recorded on: 23-09-2015 Lifting of submersible pumpset at geo specification & direction & complete. Following borewells were taken up for repair 1) Devinagar 2nd cr - C4/3588 2) near Kannamma temple road - C4/3712 3) Kannamma temple road - C4/3443 4) Mc Leod Mandapam - C4/3655	1 1 1 1					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5) Kodigehalli - RL CAP3194	1	-	-	-	1	
	6) OPP Gottigere - CAP2809	1	-	-	-	1	
	7) Near Anjanapuri - CAP3810	1	-	-	-	1	
	8) Near Ashwathnagar - CAP3192	1	-	-	-	1	
	9) Behind Muthyalamma temple - CAP3882	1	-	-	-	1	
	10) Near Gangamma temple - CAP3827	1	-	-	-	1	
	11) OPP KEB - CAP3723	1	-	-	-	1	
	12) NTI layout - CAP3824	1	-	-	-	1	
	13) NTI layout - CAP3743	1	-	-	-	1	
	14) 10th cross, 8th main Lalaji layout - CAP3688	1	-	-	-	1	
	15) Sah & block - YP4761	1	-	-	-	1	
	16) 6th Main 10th cross - CAP3688 Lalaji	1	-	-	-	1	
	17) 2nd cross 10th main - CAP3665 Lalaji	1	-	-	-	1	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	18) Sahakarnagar 21st cross - YP4604
	19) Sahakara 21st Cr - CAP3169
	20) Railway II road; YP4605
	21) Behind Railway CAP3685
	22) Ramanandi road CAP3197
	23) Kamataka temple road - CAP3541
	24) Near Jalagamma temple - CAP3668
	25) OPP. Kaaramma temple - CAP3669
	26) Muneshwara block main road CAP3764
	27) 12th cross Nandini - CAP3670

Contents	Reference to last Measurement
7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258811

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	18) Sahakaranagar 21st Cro - YP4604	1	1	1	1	1	
	19) Sahakar 21th Cr - STP1169	1	1	1	1	1	
	20) Railway II road; YP4605	1	1	1	1	1	
	21) Behind Railway CAP2685	1	1	1	1	1	
	22) Kanakanadi road CAP3197	1	1	1	1	1	
	23) Kamakshya - CAP1541 temple road	1	1	1	1	1	
	24) near Sahakarnagar temple - CAP3668	1	1	1	1	1	
	25) opp. Kamakshya temple - CAP1669	1	1	1	1	1	
	26) Mallikarjuna Hoda main road CAP3764	1	1	1	1	1	
	27) 12th Cro - CAP3670	1	1	1	1	1	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	28) 11 KV CT Meter type - CAP 3488	1	-	-	-	1	
	29) 7 MVA, " - , CAP 3662	1	-	-	-	1	
	30) 2 MVA, 6 MVAR Addl layout - CAP 3687	1	-	-	-	1	
		30	-	-	-	30 each	
	@ Rs 841.50					= Rs 25245/-	
	2) Transportation of prepip machineries complete vide Acct No. (1)	-	-	-	-	30 each	
	@ Rs 891/-					= Rs 26730/-	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	3) Labour charges (overhaul vide Acct No. (1)
	4) Repairs to motor: Re prepipacts with copper Scrap as per Est.

ntents 7	Reference to last Measurement 8
1	
1	
1	
30 each	
= Rs	25245/-
10 each	
= Rs	26730/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 258812

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
3)	Labour charges (overhauling) etc complete Qty vide Acct No. (1)		@ Rs. 544.50/-			30	150 = Rs. 16335/-
4)	Repairs to motor: Rewinding submersible pump sets with copper insulated wire of required size as per Rs.- 1041	10				10	NO = 26620/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	Repairs to motor - Rewinding of armature with copper wire as directed - 12.5 HP	1	-	-	-	01	No.
			@ Rs. 4700.00			- - -	24000/-
6)	Stocks with one year Guarantee. Only side item No. (1)	-	-	-	-	30	No.
			@ Rs. 499.00/-			= Rs.	14995/-
7)	Rotor with one year Guarantee Only side item No. (1)					30	No.
			@ Rs. 4653/-			= Rs.	139590/-

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
8)	Upper flange cover Only side Item No. (1)
9)	Lower housing cover Only side item No. (1)
10)	Carbon housing cover Only side item No. (1).

ontents	Reference to last Measurement
7	8
20	No. 24080/-
0	No. 14995/-
30	No. 13980/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 258813

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	8) Upper flange cr complete one side Bkt no. (1)					30 @ Rs. 346.50/-	No. 10395/-
	9) Lower housing cr complete one side Bkt no. (1)					30 @ Rs. 642.50/-	No. 19305/-
	10) Carson housing cr complete one side Bkt no. (1).					30 @ Rs. 470.25/-	No. 14108/-

Executive Engineer
Visic
B.R.M.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
11)	Thrust bearing block with segment bearing pad complete as per qty vide Item No (1)	as per qty	complete			30 Nos. @ Rs 1138.50 =	34155/-
12)	Oil seal as complete qty vide Item no. (1)	-	-			30 Nos. @ Rs. 123.75/- =	3713/-
13)	Oil seal steel brush qty vide Item No (1)	-	-			30 Nos @ Rs. 148.50/- =	4455/-

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
14)	Guide vane as complete qty vide Item No. (1)
15)	Impeller shell mould bronze as complete qty vide Item No (1)

	Contents	Reference to last Measurement
	7	8
	30 Nos.	
	= 4	34155/-
	30 Nos.	
		3713/-
	30 Nos	
	= Rs	44455/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 258814

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	14) ~~Guide~~ vane ek complete. Qty vide Item No. (1)					450 Nos.	
					@ Rs. 173.25/-	= Rs	77962/-
	15) ~~Impeller~~ shell moulded with aluminium ~~bronze~~ ek complete. Qty vide Item No (1)					450 Nos.	
					@ Rs 420.75/-	= Rs	189338/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
16)	Discharge outlet (DO) bush or complete. Qty vide item no. (1)	Bearing 20	steel			30	CEFC Executive Engineer Byatarayanapura Division Yelahanka Bangalore - 560 092 No. 88210/-
		-	- -	-	- -	@ Rs. 440.55/-	- - Rs.
17)	Steel brush or complete Qty vide item no. (1)					30	No.
		-	- -	-	- -	@ Rs. 148.50/-	- - Rs. 4455/-
18)	Pump shaft made out of stainless steel with key way Qty vide item no (1)	1	-	Nickel chrome alloy	-	30	No
				@ Rs. 940.50/-			- - Rs. 28215/-

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	No
1	2	
19)	Non-return valve assembly of pump complete Qty vide item no. (1)	
20)	Cable gland complete Qty vide Item no (1)	
21)	Brass filler complete Qty vide Item no (1)	

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
		30	No.
0.55/-		Kg	
		30	No.
8.50/-		Kg	4455/-
8 Kgs		30	No
.50/-		Kg	28215/-

C&FC
Executive Engineer
Division
Yelahanka
Bangalore - 560 09

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258815

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
19)	Non-return valve assembly complete with ~~screw~~ O ring etc complete as per item No. (1)	-	-	-	-	30	No.
				@ Rs. 1336.50/-		= Kg	40095/-
20)	Caste guard etc complete as per item No(1)	-	-	-	-	30	No.
				@ Rs. 148.50/-		= Kg	4455/-
21)	Brass filter etc complete as per item (1)	-	-	-	-	30	No.
				@ Rs. 247.50/-		-	7425/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
22)	Re-erection charges of pumping machineries including overhauling & painting etc complete as per item no (1)	-	-	-	-	30 Nos @ ₹. 9400.00/- = ₹	2nd 28215/-
23)	Supplying & drawing 3 core flat PVC sheathed cable in dressed	30	4.80	-	-	144 M @ ₹. 149.69/- = ₹	21626/-
						total bill Amount = ₹	98~~750~~.00 ~~98750~~

Verified & Paid 28/9/15

1) certificate the work is completed satisfactorily & measurements are as departmented

28/9/15

Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P.

28/9/15

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2

989700=
11975
826946=00

Contents	Reference to last Measurement
7	8
30	2201
= Rs	28215/
Item	M
- L.	21626/-
ract = Rs	98~~7~~50.00
	897750=
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neer.	
ion,	
M.P.,	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258816

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	897700=		IS	19794			
	119754=		kgT	39588			
			Bd	49485			
	86946=00		Lwr	9897			
			CBR	990			
			TOTAL	119754=			